What is Claimed:

1.   A method of receiving motion video, the method comprising

receiving at a wireless terminal a first data stream from a motion video server via a wireless interface, the first data stream comprising a motion video having initial presentation characteristics, and the wireless terminal comprising a video display;

displaying the motion video having initial presentation characteristics on the video display; and

transmitting to the motion video server via the wireless interface a first display control command to alter presentation characteristics of received motion video.

2.   The method of claim 1 wherein

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames;

receiving further comprises receiving encoded signals by radio frequency receiver circuitry;

transmitting further comprises transmitting encoded signals by radio frequency transmitter circuitry;

the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack, and

displaying the motion video further comprises decompressing and decoding compressed and encoded video frames.

3.   The method of claim 2 wherein

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

4.   The method of claim 3, further comprising

receiving at the wireless terminal a second data stream from the motion video server via the wireless interface, the second data stream comprising the motion video having altered presentation characteristics;

displaying the motion video having altered presentation characteristics on the video display; and

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transmitting to the motion video server via the wireless interface a second display control command to alter presentation characteristics of received motion video.

5.   The method of claim 4 wherein

the altered presentation characteristics reflect the selection of the first display control
5   command;

the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command and,

10   the second display control command comprises a display control command altering the altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

6.   The method of claim 4 wherein

15   the second data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream,

the altered presentation characteristics differ from the initial presentation characteristics, and

20   the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with display control commands Fast Forward and Fast Rewind.

7.   The method of claim 4 wherein

the first data stream further comprises video data synchronized with audio data;

25   the second data stream further comprises video data;

the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream; and,

30   the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization between the audio data and the video data and to transmit both the audio and video data.

8.   The method of claim 4 wherein

the wireless interface further comprises a digital cellular telephony network comprising a
35   plurality of cellular base stations;

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the wireless interface is connected to the motion video server via a network connection; and,

the wireless terminal further comprises a cellular telephone.

9.   A computer program residing on a computer readable medium, comprising instructions causing a wireless terminal

to receive by radio frequency receiver circuitry at a wireless terminal a first data stream from a motion video server via a wireless interface, the first data stream comprising a motion video having initial presentation characteristics, and the wireless terminal comprising a video display;

to display the motion video having initial presentation characteristics on the video display; and

to transmit by radio frequency transmitter circuitry to the motion video server via the wireless interface a first display control command to alter presentation characteristics of received motion video.

10.   The computer program of claim 9 wherein

the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack,

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames,

instructions causing the wireless terminal to receive further comprise instructions causing the wireless terminal to receive encoded signals, and

instructions causing the wireless terminal to display the motion video further comprise instructions causing the wireless terminal to decode and decompress the encoded and compressed data.

11.   The computer program of claim 10 wherein

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

12.   The computer program of claim 11, further comprising instructions causing the wireless terminal

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to receive at the wireless terminal a second data stream from the motion video server via the wireless interface, the second data stream comprising the motion video having altered presentation characteristics;

to display the motion video having altered presentation characteristics on the video
5   display; and

to transmit to the motion video server via the wireless interface a second display control command to alter presentation characteristics of received motion video.

13.   The computer program of claim 12 wherein

the altered presentation characteristics reflect the selection of the first display control
10   command;

the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command and,

15   the second display control command comprises a display control command altering the altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

14.   The computer program of claim 12 wherein

20   the second data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream,

the altered presentation characteristics differ from the initial presentation characteristics, and

25   the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with display control commands Fast Forward and Fast Rewind.

15.   The computer program of claim 12 wherein

the first data stream further comprises video data synchronized with audio data;

30   the second data stream further comprises video data;

the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream; and,

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the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization between the audio data and the video data and to transmit both the audio and video data.

16.   The computer program of claim 12 wherein

5   the wireless interface further comprises a digital cellular telephony network comprising a plurality of cellular base stations;

the wireless interface is connected to the motion video server via a network connection; and,

the wireless terminal further comprises a cellular telephone.

10   17.   A wireless terminal, comprising

radio frequency receiver circuitry configured to receive from a motion video server via a wireless interface a first data stream comprising a motion video having initial presentation characteristics;

15   radio frequency transmitter circuitry configured to transmit to the motion video server via the wireless interface a first display control command to alter presentation characteristics of received motion video;

a video display coupled to the receiver circuitry and to the transmitter circuitry and configured to receive the first data stream and to display the motion video having the initial presentation characteristics;

20   a display control command input device coupled to the receiver circuitry, to the transmitter circuitry, and to the video display and configured to generate the first display control command and to transmit the first display control command to the transmitter circuitry; and,

a power supply coupled to the receiver circuitry, to the transmitter circuitry, to the video display, and to the display control command input device.

25   18.   The wireless terminal of claim 17 wherein

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames;

the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack; and,

30   the video display further comprises decompression and decoding circuitry.

19.   The wireless terminal of claim 18 wherein

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

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the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

5   20.   The wireless terminal of claim 19, wherein

the receiver circuitry is further configured to receive from the motion video server via the wireless interface a second data stream comprising the motion video having altered presentation characteristics;

the transmitter circuitry is further configured to transmit to the motion video server via

10   the wireless interface a second display control command to alter presentation characteristics of received motion video;

the video display is further configured to receive the second data stream and to display the motion video having altered presentation characteristics; and,

the display control command input device is further configured to generate the second

15   display control command and to transmit the second display control command to the transmitter circuitry.

21.   The wireless terminal of claim 20 wherein

the altered presentation characteristics reflect the selection of the first display control command;

20   the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command and,

the second display control command comprises a display control command altering the

25   altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

22.   The wireless terminal of claim 20 wherein

the second data stream further comprises a plurality of Intra-frames, each Intra-frame

30   being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream;

the altered presentation characteristics differ from the initial presentation characteristics; and,

the altered presentation characteristics further comprise a faster than real-time

35   presentation selected from the group consisting of the presentations associated with display control commands Fast Forward and Fast Rewind.

23.   The wireless terminal of claim 20 wherein

the first data stream further comprises video data synchronized with audio data;

the second data stream further comprises video data;

5   the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream; and,

the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization between the audio data and the video data and to transmit both the audio and video data.

10   24.   The wireless terminal of claim 20 wherein

the wireless interface further comprises a digital cellular telephony network comprising a plurality of cellular base stations;

the wireless interface is connected to the motion video server via a network connection; and,

15   the wireless terminal further comprises a cellular telephone.

25.   A method of transmitting motion video in a wireless interface system, comprising

. receiving from a motion video server a first data stream comprising a motion video having initial presentation characteristics;

transmitting to a wireless terminal via a wireless interface the first data stream;

20   receiving from the wireless terminal via the wireless interface a first display control command to alter presentation characteristics of received motion video; and,

transmitting to the motion video server the first display control command.

26.   The method of claim 25 wherein

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being 25   separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames;

transmitting to a wireless terminal further comprises transmitting encoded signals by radio frequency transmitter circuitry;

receiving from the wireless terminal further comprises receiving encoded signals by radio frequency receiver circuitry; and

30   the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack.

27.   The method of claim 26 wherein

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

5   the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

28.   The method of claim 27, further comprising

receiving from the motion video server a second data stream comprising the motion video
10   having altered presentation characteristics;

transmitting to the wireless terminal via the wireless interface the second data stream;

receiving from the wireless terminal via the wireless interface a second display control command to alter presentation characteristics of received motion video; and,

transmitting to the motion video server the second display control command.

15   29.   The method of claim 28 wherein

the altered presentation characteristics reflect the selection of the first display control command;

the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group
20   consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command and,

the second display control command comprises a display control command altering the altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast
25   Rewind.
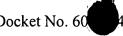
30.   The method of claim 28 wherein

the second data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream,

30   the altered presentation characteristics differ from the initial presentation characteristics, and

the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with display control commands Fast Forward and Fast Rewind.

~~31.   The method of claim 28 wherein~~

the first data stream further comprises video data synchronized with audio data;

the second data stream further comprises video data;

5   the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream; and,

the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization 10   between the audio data and the video data and to transmit both the audio and video data.

32.   The method of claim 28 wherein

the wireless interface further comprises a digital cellular telephony network comprising a plurality of cellular base stations;

15   the wireless interface is connected to the motion video server via a network connection; and,

the wireless terminal further comprises a cellular telephone.

33.   A computer program residing on a computer readable medium, comprising instructions causing a wireless interface system

20   to receive from a motion video server a first data stream comprising a motion video having initial presentation characteristics;

to transmit to a wireless terminal via a wireless interface the first data stream;

to receive from the wireless terminal via the wireless interface a first display control command to alter presentation characteristics of received motion video; and,

to transmit to the motion video server the first display control command.

25   34.   The computer program of claim 33 wherein

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames;

instructions to receive from the wireless terminal further comprise instructions to receive encoded signals by radio frequency receiver circuitry;

30   instructions to transmit to the wireless terminal further comprise instructions to transmit encoded signals by radio frequency transmitter circuitry; and

the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack.

39.   The computer program of claim 36 wherein

the first data stream further comprises video data synchronized with audio data;

the second data stream further comprises video data;

the first display control command to alter presentation characteristics of received motion
video further comprises a first synchronization command to maintain synchronization between
the audio data and the video data while filtering out the audio data during generation of the
second data stream; and,

the second display control command to alter presentation characteristics of received
motion video further comprises a second synchronization command to maintain synchronization
between the audio data and the video data and to transmit both the audio and video data.

40.   The computer program of claim 36

the wireless interface further comprises a digital cellular telephony network comprising a
plurality of cellular base stations;

the wireless interface is connected to the motion video server via a network connection;
and,

the wireless terminal further comprises a cellular telephone.

41.   A wireless interface system, comprising

network receiver circuitry configured to receive from a motion video server a first data
stream comprising a motion video having initial presentation characteristics;

radio frequency transmitter circuitry coupled to the network receiver circuitry configured
to transmit the first data stream from the network receiver circuitry to a wireless terminal;

radio frequency receiver circuitry configured to receive from the wireless terminal a first
display control command to alter presentation characteristics of received motion video;

network transmitter circuitry coupled to the radio frequency receiver circuitry configured
to transmit the first display control command from the radio frequency receiver circuitry to the
motion video server; and,

a power supply coupled to the network receiver circuitry, to the radio frequency
transmitter circuitry, to the radio frequency receiver circuitry, and to the network transmitter
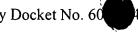circuitry.

42.   The system of claim 41 wherein

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being
separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames,
and

the motion video further comprises compressed and encoded data encoding a sequence of
video images synchronized with a soundtrack.

43.   The system of claim 42 wherein

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

5   the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

44.   The system of claim 43, further comprising

10   the network receiver circuitry further configured to receive from the motion video server a second data stream comprising the motion video having altered presentation characteristics;

the radio frequency transmitter circuitry further configured to transmit the second data stream from the network receiver circuitry to the wireless terminal;

the radio frequency receiver circuitry further configured to receive from the wireless terminal a second display control command to alter presentation characteristics of received motion video; and,

the network transmitter circuitry further configured to transmit the second display control command from the radio frequency receiver circuitry to the motion video server.

45.   The system of claim 44 wherein

20   the altered presentation characteristics reflect the selection of the first display control command;

the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

25   the second display control command differs from the first display control command and,

the second display control command comprises a display control command altering the altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

30   46.   The system of claim 44 wherein

the second data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream,

the altered presentation characteristics differ from the initial presentation characteristics, and
35   and

the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with display control commands Fast Forward and Fast Rewind.

47.   The system of claim 44 wherein

5   the first data stream further comprises video data synchronized with audio data;

the second data stream further comprises video data;

the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the
10   second data stream; and,

the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization between the audio data and the video data and to transmit both the audio and video data.

48.   The system of claim 44 wherein

15   the wireless interface further comprises a digital cellular telephony network comprising a plurality of cellular base stations;

the wireless interface is connected to the motion video server via a network connection; and,

the wireless terminal further comprises a cellular telephone.

20   49.   A method of transmitting motion video in a wired interface system, comprising

receiving from a motion video server a first data stream comprising a motion video having initial presentation characteristics;

transmitting to a wired terminal via a wired interface the first data stream;

receiving from the wired terminal via the wired interface a first display control command
25   to alter presentation characteristics of received motion video; and,

transmitting to the motion video server the first display control command;

wherein:

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames;

30   the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack;

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

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the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

5   50.   The method of claim 49, further comprising

receiving from the motion video server a second data stream comprising the motion video having altered presentation characteristics;

transmitting to the wired terminal via the wired interface the second data stream;

receiving from the wired terminal via the wired interface a second display control

10   command to alter presentation characteristics of received motion video; and,

transmitting to the motion video server the second display control command;

wherein:

the altered presentation characteristics reflect the selection of the first display control command;

15   the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command and,

the second display control command comprises a display control command altering the

20   altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

51.   The method of claim 50 wherein

the first data stream further comprises video data synchronized with audio data;

25   the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream;

the altered presentation characteristics differ from the initial presentation characteristics;

30   the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with second display control commands Fast Forward and Fast Rewind;

the second data stream further comprises a plurality of video data Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than

35   separate the Intra-frames in the first data stream; and,

the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization between the audio data and the video data and to transmit both the audio and video data.

52.   A computer program residing on a computer readable medium, comprising instructions causing a wired interface system

to receive from a motion video server a first data stream comprising a motion video having initial presentation characteristics;

to transmit to a wired terminal via a wired interface the first data stream;

to receive from the wired terminal via the wired interface a first display control command to alter presentation characteristics of received motion video; and,

to transmit to the motion video server the first display control command;

wherein:

the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames;

the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack;

the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

53.   The computer program of claim 52, further comprising instructions causing the wired interface system

to receive from the motion video server a second data stream comprising the motion video having altered presentation characteristics;

to transmit to the wired terminal via the wired interface the second data stream;

to receive from the wired terminal via the wired interface a second display control command to alter presentation characteristics of received motion video; and,

to transmit to the motion video server the second display control command;

wherein:

the altered presentation characteristics reflect the selection of the first display control command;

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the altered presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command and,

5   the second display control command comprises a display control command altering the altered presentation characteristics and is selected accordingly from the group consisting of Stop, Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

54.   The computer program of claim 53 wherein

10   the first data stream further comprises video data synchronized with audio data;

the first display control command to alter presentation characteristics of received motion video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream;

15   the altered presentation characteristics differ from the initial presentation characteristics;

the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with second display control commands Fast Forward and Fast Rewind;

the second data stream further comprises a plurality of video data Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream; and,

the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization between the audio data and the video data and to transmit both the audio and video data.

25   55.   A wired interface system, comprising

network receiver circuitry configured to receive from a motion video server a first data stream comprising a motion video having initial presentation characteristics;

transmitter circuitry coupled to the network receiver circuitry configured to transmit the first data stream from the network receiver circuitry to a wired terminal;

30   receiver circuitry configured to receive from the wired terminal a first display control command to alter presentation characteristics of received motion video;

network transmitter circuitry coupled to the receiver circuitry configured to transmit the first display control command from the receiver circuitry to the motion video server; and,

a power supply coupled to the network receiver circuitry, to the transmitter circuitry, to
35   the receiver circuitry, and to the network transmitter circuitry;

wherein:

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the first data stream further comprises a plurality of Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by at least one of a plurality of Inter-frames,

the motion video further comprises compressed and encoded data encoding a sequence of video images synchronized with a soundtrack;

5　　　the initial presentation characteristics comprise a presentation direction selected from the group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time; and,

the first display control command comprises a display control command altering the initial presentation characteristics and is selected accordingly from the group consisting of Stop,
10　Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

56.　　The system of claim 55, further comprising

the network receiver circuitry further configured to receive from the motion video server a second data stream comprising the motion video having altered presentation characteristics;

15　　the transmitter circuitry further configured to transmit the second data stream from the network receiver circuitry to the wired terminal;

the receiver circuitry further configured to receive from the wired terminal a second display control command to alter presentation characteristics of received motion video; and,

the network transmitter circuitry further configured to transmit the second display control
20　command from the receiver circuitry to the motion video server;

wherein:

the altered presentation characteristics reflect the selection of the first display control command;

the altered presentation characteristics comprise a presentation direction selected from the
25　group consisting of forward and reverse, and, a presentation speed selected from the group consisting of slower than real-time, substantially real-time, and faster than real-time;

the second display control command differs from the first display control command; and,

the second display control command comprises a display control command altering the altered presentation characteristics and is selected accordingly from the group consisting of Stop,
30　Pause, Slow Forward, Play Forward, Fast Forward, Slow Reverse, Play Rewind, and Fast Rewind.

57.　　The system of claim 56 wherein

the first data stream further comprises video data synchronized with audio data;

the first display control command to alter presentation characteristics of received motion
35　video further comprises a first synchronization command to maintain synchronization between the audio data and the video data while filtering out the audio data during generation of the second data stream;

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the altered presentation characteristics differ from the initial presentation characteristics;

the altered presentation characteristics further comprise a faster than real-time presentation selected from the group consisting of the presentations associated with display control commands Fast Forward and Fast Rewind;

5   the second data stream further comprises a plurality of video data Intra-frames, each Intra-frame being separated from other Intra-frames in the plurality by fewer Inter-frames than separate the Intra-frames in the first data stream; and,

the second display control command to alter presentation characteristics of received motion video further comprises a second synchronization command to maintain synchronization

10   between the audio data and the video data and to transmit both the audio and video data.